



An ISO 9001:2015 Company

Aero brand owned by Aerochem Piping Pvt. Ltd.
(Sister Company of Parth Poly Fusion Pvt. Ltd.)

HDPE PIPES

PE 63, 80, 100



ISI:4984



CM/L:7887513

“AERO” brand HDPE pipes are manufactured according to IS: 4984:1995, ISO 4427, and IS 14885:2001 standards. We offer a comprehensive range of HDPE Pipes in the market, ranging from 20 mm to 315 mm in all pressure classes. We offer PE 63, PE 80, and PE 100 in material grades.

MOC:

High-density polyethylene – HDPE

- Material grade PE63, PE 80 and PE 100
- Size: 20mm to 315 mm
- Pressure class: PN 2.5, PN 4, PN 6, PN 8, PN 10, PN 16, PN 20.

FEATURES:

- Corrosion Resistant
- Weather Resistant
- Tensile Strength
- Chemical Inert
- Abrasion Resistant
- Smooth Surface
- Easy And Quick Installation

APPLICATIONS:

- Slurry Transportation
- Potable Water Supply
- Industrial Effluents
- Irrigation / Agriculture
- Drainage And Sewage
- Sprinkler And Drip Irrigation In Agriculture

HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 63)

(ALL DIMENSION IN MM.)

NOMINAL DIA.	PN 2.5		PN 4		PN 6		PN 8		PN 10	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
20									2.3	2.8
25							2.3	2.8	2.8	3.3
32					2.3	2.8	3.0	3.5	3.6	4.2
40			2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.2
50			2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4
63	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9
75	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5
90	2.8	3.3	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2
110	3.4	4.0	5.3	6.1	7.7	8.7	10.0	11.2	12.3	13.8
125	3.8	4.4	6.0	6.8	8.8	9.9	11.4	12.8	13.9	15.5
140	4.3	5.0	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4
160	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8
180	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2
200	6.1	7.0	9.6	10.8	14.0	15.6	18.2	20.3	22.3	24.8
225	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25.0	27.7
250	7.6	8.6	12.0	13.4	17.5	19.5	22.8	25.3	27.8	30.8
280	8.5	9.6	13.4	15.0	19.6	21.8	25.5	28.3	31.2	34.6
315	9.6	10.8	15.0	16.7	22.0	24.4	28.7	31.8	35.0	38.7



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HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 80) (ALL DIMENSION IN MM.)

NOMINAL DIA.	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 16		PN 20	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
20											2.70	3.10	3.4	3.8
25									2.3	2.8	3.40	3.80	4.2	4.7
32							2.4	2.9	3.0	3.5	4.40	4.90	5.4	6.0
40					2.3	2.8	3.0	3.5	3.7	4.3	5.40	6.00	6.7	7.5
50			2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3	6.80	7.60	8.4	9.3
63			2.5	3.0	3.6	4.2	4.7	5.4	5.8	6.6	8.60	9.60	10.50	11.70
75			2.9	3.4	4.3	5.0	5.6	6.4	6.9	7.8	10.20	11.30	12.5	13.9
90	2.3	2.8	3.5	4.1	5.1	5.9	6.7	7.6	8.2	9.3	12.20	13.50	15.0	16.6
110	2.7	3.2	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	14.90	16.50	18.4	20.3
125	3.1	3.7	4.9	5.6	7.1	8.1	9.3	10.5	11.4	12.8	16.90	18.70	20.9	23.10
140	3.5	4.1	5.4	6.2	8.0	9.0	10.4	11.7	12.8	14.3	19.00	21.00	23.4	25.80
160	4.0	4.6	6.2	7.1	9.1	10.3	11.9	13.3	14.6	16.3	21.70	24.00	26.7	29.50
180	4.4	5.1	7.0	7.9	10.2	11.5	13.4	15.0	16.4	18.3	24.40	26.90	30.00	33.10
200	4.9	5.6	7.7	8.7	11.4	12.8	14.9	16.6	18.2	20.3	27.10	29.90	33.40	36.80
225	5.5	6.3	8.7	9.8	12.8	14.3	16.7	18.6	20.5	22.8	30.50	33.70	37.50	41.40
250	6.1	7.0	9.7	10.9	14.2	15.9	18.6	20.7	22.8	25.3	33.80	37.30	41.70	46.00
280	6.9	7.8	10.8	12.1	15.9	17.7	20.8	23.1	25.5	28.3	37.90	41.80	46.70	51.50
315	7.7	8.7	12.2	13.7	17.9	19.9	23.4	26.0	28.7	31.8	42.60	47.00	52.50	57.90

HDPE PIPES IS : 4984 : 1995 WITH LATEST AMENDMENT (MATERIAL GRADE PE 100) (ALL DIMENSION IN MM.)

NOMINAL DIA.	PN 6		PN 8		PN 10		PN 16		PN 20	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
20							2.3	2.6	2.7	3.1
25							2.8	3.2	3.4	3.8
32					2.4	2.9	3.6	4.1	4.4	4.9
40			2.4	2.9	3.0	3.5	4.5	5.1	5.4	6.0
50	2.3	2.8	3.0	3.5	3.7	4.3	5.6	6.3	6.8	7.8
63	2.9	3.4	3.8	4.4	4.7	5.4	7.0	7.8	8.6	9.6
75	3.5	4.1	4.5	5.2	5.6	6.4	8.4	9.3	10.20	11.30
90	4.1	4.8	5.4	6.2	6.7	7.6	10.0	11.10	12.20	13.50
110	5.0	5.7	6.6	7.5	8.1	9.2	12.30	13.60	14.90	16.50
125	5.7	6.5	7.5	8.5	9.2	10.4	13.90	15.40	16.90	18.70
140	6.4	7.3	8.4	9.5	10.3	11.6	15.60	17.30	19.00	21.00
160	7.3	8.3	9.6	10.8	11.8	13.2	17.80	19.70	21.70	24.00
180	8.2	9.3	10.8	12.1	13.3	14.9	20.00	22.10	24.40	26.90
200	9.1	10.3	12.0	13.4	14.8	16.5	22.30	24.60	27.10	29.90
225	10.3	11.6	13.5	15.1	16.6	18.5	25.00	27.60	30.50	33.70
250	11.4	12.8	15.0	16.7	18.4	20.5	27.80	30.70	33.80	37.30
280	12.8	14.3	16.8	18.7	20.6	22.9	31.20	34.40	37.90	41.80
315	14.4	16.1	18.9	21.0	23.2	25.8	35.00	38.60	42.60	47.00



PARTH POLY FUSION PVT. LTD.
New Survey No. : 1065/1, Opp. Viva - 2 Ind. Estate,
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Note: Every effort has been made to ensure the information in this brochure is correct at the date of issue. Parth Poly Fusion Pvt. Ltd. operates a policy of continual product improvement and range extension, hence reserves the right to modify product specifications, without prior information, in line with market requirements.